### PATENT COOPERATION TREATY

# PCT

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220			
S 7172-Ro	ACTION as	s well as, where applicable, item 5 below.			
International application No.	International filing date (day/month/year	(Earliest) Priority Date (day/month/year)			
PCT/EP2004/008407	27/07/2004	(Earliest) Priority Date (day/month/year)			
-Applicant					
SAP AKTIENGESELLSCHAFT		<u> </u>			
This international Search Report has been according to Article 18. A copy is being tra	n prepared by this international Searching ansmitted to the international Bureau.	g Authority and is transmitted to the applicant			
This International Search Report consists	s of a total of sheets.				
X It is also accompanied by	y a copy of each prior art document cited in	n this report.			
	international search was carried out on the	ne basis of the international application in the			
	search was carried out on the basis of a tr	translation of the international application furnished to			
		losed in the international application, see Box No. I.			
2. Certain claims were fou	rnd unsearchable (See Box II).				
3. Unity of invention is lac	king (see Box III).				
4. With regard to the title,	•	• .			
	ubmitted by the applicant.				
the text has been establis	the text has been established by this Authority to read as follows:				
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5. With regard to the abstract,		•			
	ubmitted by the applicant.				
	·	uthority as it appears in Box No. IV. The applicant			
		search report, submit comments to this Authority.			
6. With regards to the drawings,	•				
a. the figure of the drawings to be p	published with the abstract is Figure No	2			
X as suggested by t	the applicant.	•			
as selected by thi	is Authority, because the applicant failed to	o suggest a figure.			
as selected by thi	is Authority, because this figure better chair	racterizes the invention.			
b. none of the figures is to be	e published with the abstract.				

#### INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2004/008407

A. CLASS	IFICATION OF SUBJECT MATTER				
IPC 7 G06F9/46					
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According I	to International Patent Classification (IPC) or to both national classification	lication and IPC	<u>B</u>		
B. FIELDS	SEARCHED				
Minimum d	ocumentation searched (classification system followed by classifica-	ation symbols)			
IPC 7	G06F		T.		
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Documenta	tion searched other than minimum documentation to the extent that	I such documents are included in the neids se	arched . =		
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Electronic	tala base consulted during the international search (name of data I	nace and where martiral search terms used	<u> </u>		
		and whole product come in this cool	in in		
EPO-In	ternal, INSPEC	•			
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C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	•			
Category	Caste and descented with indication, where appropriate, of the r	elevant passages	Relevant to dalm No.		
X	CHUANG LIU ET AL: "Design and e		1-3,5-9,		
	of a resource selection framewor	K for Gria	11,		
	applications"		15-17,19		
•	PROCEEDINGS 11TH IEEE INTERNATION				
	SYMPOSIUM ON HIGH PERFORMANCE DI		•		
	COMPUTING IEEE COMPUT. SOC PISCA		•		
	USA. July 2002 (2002-07), pages	63-72,			
	XP002310445		•		
	ISBN: 0-7695-1686-6				
	page 63. paragraph 2.2 - page 64	,			
	paragraph 2.3		•		
	page 65. paragraph 3.1 - page 66	i,			
	paragraph 3.3				
	page 70, paragraph 5.3				
Υ	page 63, paragraph 2.2 - page 64	١,	4,10,		
	paragraph 2.3	· 1	12-14,		
	•		18,20		
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	<u> </u>				
X Furti	her documents are listed in the continuation of box C.	Patent family members are listed in	annex.		
<ul> <li>Special ca</li> </ul>	tegories of cried documents	"T" later document published after the inter	national filing date		
"A" docume	ant defining the general state of the last which is not	or priority date and not in conflict with	the application but		
consid	considered to be of particular relevance Invention				
"E" earlier d	tocument but published on or after the international late	"X" document of particular relevance; the cl cannot be considered novel or cannot			
"L" docume	nt which may throw doubts on priority claim(s) or	involve an inventive step when the doc			
	is cited to establish the publication date of another n or other special reason (as specified)	"Y" document of particular relevance; the cl			
	ent referring to an oral disclosure, use, exhibition or	cannot be considered to involve an inv document is combined with one or mo	re other such docu-		
other means ments, such combination being obvious to a person skilled in the ori					
	nt published prior to the international filing date but an the priority date claimed	*&* document member of the same patent f	amily :		
	actual completion of the International search	Date of mailing of the international sear			
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1/	4 December 2004	19/01/2005			
1.	T DUCCHIDGI 2007	15/01/2005			
Name and m	nailing address of the ISA	Authorized officer			
	European Patent Office, P.B. 5818 Patentlaan 2 NL ~ 2280 HV Rijswijk				
	Tel (+31-70) 340-2040, Tx. 31 651 epo nl,	Dewyn, T			
	Fax: (+31-70) 340-3016	Jenjii, '			

## INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/008407

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	etion) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.			
Category *	Citation of document, with Indication, where appropriate, of the relevant passages	·	resevant to Claim No.		
Υ	ALLEN G ET AL: "The Cactus Worm: experiments with dynamic resource discovery and allocation in a grid		4,10, 12-14, 18,20	r i	
	environment" INTERNATIONAL JOURNAL OF HIGH PERFORMANCE COMPUTING APPLICATIONS SAGE SCIENCE PRESS USA,	·		BEST AVAILABLE COPY	
	vol. 15, no. 4, 2001, pages 345-358, XP002310446 ISSN: 1078-3482		•	AVAIL	
	page 347, paragraph 3 - page 349 page 352, paragraph 4.1 - page 355, paragraph 4.3			PLE	
1	VADHIYAR S S ET AL: "A performance oriented migration framework for the grid" CCGRID 2003. PROCEEDINGS OF THE THIRD IEEE/ACM INTERNATIONAL SYMPOSIUM ON CLUSTER COMPUTING AND THE GRID IEEE COMPUT. SOC LOS ALAMITOS, CA, USA,		1–20	COPY	
	May 2003 (2003-05), pages 130-137, XP002310447 ISBN: 0-7695-1919-9 the whole document		•		
	VON LASZEWSKI G ET AL: "Grid-based asynchronous migration of execution context in Java virtual machines" EURO-PAR 2000 PARALLEL PROCESSING. 6TH INTERNATIONAL EURO-PAR CONFERENCE. PROCEEDINGS (LECTURE NOTES IN COMPUTER SCIENCE VOL.1900) SPRINGER-VERLAG BERLIN,		1-20		
	GERMANY, September 2000 (2000-09), pages 22-34, XP002310448 ISBN: 3-540-67956-1 the whole document				
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